



P R O D U C T D A T A

L A N O W A X E P

L A N O L I N A L C O H O L P H E U R

I N C I N A M E

Lanolin Alcohol

C A S N o .

8027 - 33 - 6

S Y N O N Y M S

Wool Alcohols, Woolwax Alcohols, Alcoholes Adipis Lanae

D E S C R I P T I O N

LANOWAX EP is the highly refined, unsaponifiable fraction of lanolin, composed of a complex mixture of cholesterol, lanosterol, agnosterol and their di-hydro derivatives plus straight and branched chain aliphatic alcohols with a mean molecular weight of approximately 370 Da. It is produced by alkaline hydrolysis of lanolin feedstock, followed by further refining.

LANOWAX EP is a pale yellow, hard, waxy solid in appearance with practically no odour and is one of the most powerful w/o emulsifying agents known. It finds uses in a wide variety of creams such as night creams, sports creams, hair creams and baby creams.

LANOWAX EP differs from the standard alcohol in that it has been distilled on a molecular still to further improve the product colour and odour, and conforms fully to the European Pharmacopoeia.

Lanolin Alcohols have been in widespread use for many years, both in pharmaceutical and cosmetic uses. Their safety is well known and they feature in a number of pharmacopoeia monographs throughout the world.

S P E C I F I C A T I O N

Colour, Gardner	10 maximum
Acid Value, mg KOH/g	2.0 maximum
Saponification Value, mg KOH/g	12 maximum
Hydroxyl Value, mg KOH/g	120 - 180
Peroxide Value, meq O ₂ /kg	15.0 maximum
Melting Point, °C	56 minimum
Loss on Drying, %	0.5 maximum
Water Absorption Capacity, %	Meets EP
Ash, %	0.1 maximum
Cholesterol Content, % (by G.C.)	30.0 minimum
Identification (A) - (B)	Meets EP
Alkalinity	Meets EP
Appearance of Solution	Meets EP

A product made for DEUTSCHE LANOLIN GESELLSCHAFT